# Listening to a Disc/USB Device

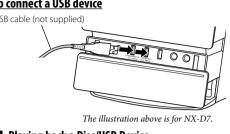


When using an 8 cm disc, place it on the inner circle of the disc tray.

#### To close the disc tray, press ▲ again. To prohibit disc ejection (Child Lock)

When the System is turned on and the disc tray is closed, press  $\triangle$  while touching  $\blacksquare$  (on the main unit). To cancel the prohibition, repeat the same procedure. 'UNLOCKED" appears on the display.

#### To connect a USB device



• For NX-D7, you can play back only music files on

the CSD.	z terminai.			
To start				
	DVD/CD	USB 1	USB 2	

<b>▶/II</b>	<b>DS</b>	## ##	USB 2
To pause		To s	top
REC MODE			

## Resume Play (for DVD/CD or USB1)

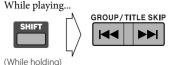
Γhe System can store the stop point, and when you tart playback again by pressing ▶, DVD/CD ▶/Ⅱ or USB 1 ►/II (even while on standby), it starts from e position where you have stopped—Resume Play. To stop completely while Resume is activated,

#### To select the file type (for DVD/CD or USB1)

If different types of playable files (audio/still picture/ noving picture) are recorded, select a file type to play. While playback is stopped..



### To select a title/group



#### To select a chapter/track/file While playing...

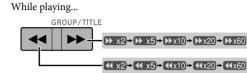


• When you press I◀◀ for the first time, you go back to the beginning of the current chapter/track/ file

#### To locate a particular portion

• This does not function for JPEG files.

## For DVD/CD and USB1



## For USB2

Press | ◀ ◀ / ▶ ▶ | while playing. The search speed changes Playing back a Disc/USB Device only in two steps. To return to normal playback, press ▶.

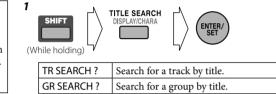
## To locate an item directly

To select a title/group



• To select a chapter/track/file Press a chapter/track/file number using the number buttons

#### To search for a track/group by name (for USB2)



- **2** Enter the title using the number buttons. • To enter the title, see "Editing Operations."
- You can enter up to 5 characters of the title. **3** Press ENTER/SET to start the Title Search. When a track or group is found, playback starts.

GVT0276-012A

#### ■ Program Play/Random Play/Group Play

• Program Play/Random Play cannot be used for "USB1," DVD-VR and JPEG/MPEG-1/MPEG-2/ASF/DivX files on a disc, and some DVDs.

Ex: For USB2 TUNER/PLAY → PROGRAM → RANDOM → GROUP RNDM · (<del>)</del> ← GROUP

To exit Program Play or Random Play, press PLAY MODE repeatedly until PRGM, RND, and GR indicator are all off before or after playback.

#### **PROGRAM**—To program the playing order. · You can arrange the playing order of the chapters/tracks/

- files (up to 99) before you start playback. · Resume does not work for Program Play.
- Press PLAY MODE repeatedly to select PROGRAM. ② Select chapters/tracks/files you want for Program Play using the number buttons.
- For DVD Video and MP3/WMA/WAV files: Select a title or group number, then select a chapter or track/file number
- Repeat step ② until you complete your program. 4 Start playback.
- ① Select chapters/tracks/files you want for Program Play using the number buttons and press ENTER/SET. 2 Repeat step ① until you complete your program.
- 3 Press PLAY MODE repeatedly to select PROGRAM. (4) Start playback.

**RANDOM**—To play all the tracks/chapters at random. GROUP RNDM (Group Random) (for USB2 only)—To play

#### all tracks in a group at random. GROUP (for USB2 only)—To play only tracks in the specified group

### ■ Playing Repeatedly

Press REPEAT repeatedly to select Repeat Mode.



REPEAT GRP

REPEAT PG

REPEAT PL

REPEAT ALL

REPEAT OFF

• Repeat Mode varies depending on the medias or the files. REPEAT CHAP Repeats the current chapter. Repeats the current title. Repeats the current track/file.

Repeats the current group.

Repeats the current Play List.

Repeats the current original program.

Repeats all the contents or programmed

# **Zoom**

Video).



Press ZOOM repeatedly to select the magnification of the zoom. You can move the zoomed-in position using the cursor

"VIDEO" to obtain optimal picture quality

You can play back a desired portion repeatedly.

REPEAT A-B

• To cancel A-B repeat, press the same button again

The operations will vary depending on the discs or files

You can select the language or the audio channel to listen to.

You can select or turn on/off the subtitle language to display

Press **II** to display the still picture, then press **◄◄**\* or **▶►** to

\* Reverse slow motion is only available for DVD Video.

To replay the previous scenes (One-Touch Replay)

The playback position moves back about 10 seconds before

the current position (only within the same title for DVD

You can view the same scene from different angles

■ Unique Video Disc/File Operations

Repeat the procedure to select the start point (A), then the

While holding

end point (B) during playback.

To select the audio track

To select the view angle

To play back still picture

To play back frame by frame

To play back slow-motion

select slow-motion speed.

While playing...

4

Press **■** while displaying the still picture

Press II while playing.

To select the subtitle language

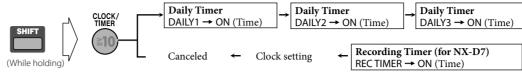
## Timer Operations

#### Setting the Clock

Without setting the built-in clock, you cannot use Daily Timer or Recording Timer (for NX-D7).

1 While holding SHIFT, press CLOCK/TIMER.

- If you have already adjusted the clock before, press the button repeatedly until the clock setting mode is selected (see
- **2** Adjust the hour, then the minute using the cursor buttons, press ENTER/SET.
- To exit the clock settings, press CLOCK/TIMER (while holding SHIFT) as required. • To return to the previous step, press CANCEL (while holding SHIFT).



#### Setting the Daily Timer

- 1 Select DAILY (1 3) time setting mode (ON)
- 2 Set the timer as you like Repeat the procedure for the following settings until finished.







- 1) Set the hour then the minute for on-time
- Set the hour then the minute for off-time. Select the playback source—"TUNER AM," "TAPE"
- (NX-DC3), "DISC," "USB1," "USB2" (NX-D7), "AUDIO IN." or "TUNER FM.". 4 For "TUNER AM" or "TUNER FM": Select a preset
- For "DISC": Select the title/group number, then the chapter/track/file number\*.
- For "USB1/2": Select the group number, then the track/file number\* ⑤ Select the volume level ("MIN" to "MAX" and "--"). If you select "--," the volume is set to the same level
- as when the System was last turned off. Once settings are completed, the timer setting information appears in sequence.
- 3 Turn off the System (on standby), if you have set the timer with the System turned on.
- You can select up to 99 groups and 150 chapters/tracks/files.

To cancel the Daily Timer, select DAILY (1 - 3) you want to cancel, then press CANCEL (while holding SHIFT).

To turn on the Daily Timer, select DAILY (1 – 3) you want to turn on, then press ENTER/SET.

#### Preparation:

- Change the source to "USB2" and check that the USB
- device is properly detected by the System.



- ② Set the hour then the minute for off-time
- IN," or "TUNER FM."
- 4 For "TUNER AM" or "TUNER FM": Select a preset
- If you select "--" the volume is set to the same level as when the System was last turned off.
- Once settings are completed, the timer setting information appears in sequence. 3 Turn off the System (on standby), if you have set
- the timer with the System turned on. • Recorded files are stored into the group named "TIMER."

To cancel the Recording Timer, select REC TIMER, then press CANCEL (while holding SHIFT). To turn on the Recording Timer, select REC TIMER, then

# ■ Setting the Recording Timer (for NX-D7)

- · Connect a USB device to the USB 2 terminal.
- Make recording settings
- 1 Select REC TIMER time setting mode (ON) 2 Set the timer as you like.
- Repeat the procedure for the following settings until finished





- Set the hour then the minute for on-time
- Presetting the Stations 3 Select the playback source—"TUNER AM," "AUDIO You can preset 30 FM and 15 AM stations.
- 1 Tune in to a station you want to preset.
- You can also store the monaural reception mode for ⑤ Select the volume level ("MIN" to "MAX" and "--"). FM preset stations if it has been selected. 2 Press ENTER/SET to activate the preset number entry mode.
  - Finish the following process while the indication on the display is flashing.
    - **3** Select a preset number for the station you store using the number buttons.
    - 4 Press ENTER/SET to store the station

Listening to the Radio

2 On the main unit, while pressing KARAOKE

tuner interval spacing (9 kHz or 10 kHz).

Frequency starts changing on the display. When a station

(frequency) with sufficient signal strength is tuned in, the

• When you repeatedly press the button, the frequency

changes step by step. To manually stop the search, press

• The ST indicator lights while an FM stereo station with

The MONO (monaural) indicator lights on the display

To restore the stereo effect, press the button again. The

Reception will improve though stereo effect is lost—

sufficient signal strength is tuned in.

MONO (monaural) indicator disappears.

SCORING, touch | ◀ or ▶ I to select the AM

To select the AM tuner interval spacing

1 Select "TUNER AM."

■ Tuning in to a Station

**▶**▶I

frequency stops changing.

If the FM reception is poor

2 sec.

GROUP/TITLE SKI

**I**◀◀

4

Monaural reception

While FM or AM is selected

#### To tune in to a preset station

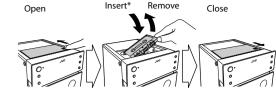
- 1 Select the band (FM or AM).
- 2 Select the preset number using the number

## Listening to a Tape (for NX-DC3)

#### To insert or remove a tape

You can play back a type I tape.

The use of C-120 or longer tape is not recommended.





o rewind and fast forward

AUDIO IN jack.



minimum level before starting playback. To adjust the audio input level

· Make sure to turn down the volume on the System to

## If the sound from the device connected to the AUDIO IN

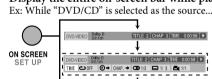
jack is too loud or too quiet, you can preset the audio input level through the AUDIO IN jack (without changing the



· As the number of the level increases, the preset input level is increased.

# On-screen Operations

Operating the On-screen Bar 1 Display the entire on-screen bar while playing.



disappears  $\overrightarrow{m{4}}$ **2** Select (highlight) the function using the cursor

## buttons then press ENTER/SET.

Function icons Time indications: Press repeatedly ENTER/SET to change the timer indication. TIME: Elapsed playing time of the current chapter/track (not applicable for DVD-VR). REM: Remaining time of the current chapter/ track (not applicable for DVD-VR). TOTAL: Elapsed disc time. T. REM: Remaining time of title (DVD Video)/

original program (DVD-VR)/disc (SVCD/ Repeat Mode: Select the desired option in the pop-up window using the cursor buttons then press ENTER/SET.

A-B: Repeats a desired portion.

A-B repeat starts.

① Press ENTER/SET at the start point during ② Press ENTER/SET at the end point during

TITLE: Repeats the current title. ALL: Repeats the disc (not applicable for DVD) or programmed tracks. CHAPTER: Repeats the current chapter.

TRACK: Repeats the current track. OFF: Cancels Repeat Mode. Time search (hours/minutes/seconds): Enter the time in the pop-up window using the number buttons then press ENTER/SET.

• Always enter the hour digit (even "0" hours),

entry. CHAP.→ Chapter search: Enter the chapter number in the pop-up window using the number buttons then press ENTER/SET.

To correct a mis-entry, press the number

buttons until the desired number is shown in the pop-up window. Audio language or channel, Subtitle language, View angle: Select the desired option in the popup window using the cursor buttons then press ENTER/SET.

To clear the on-screen bar, press ON SCREEN again.

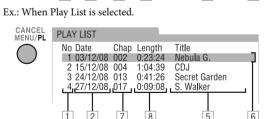
Control Screen Operations You can search for and play the desired items through the

#### control screen.

17

For DVD-VR Ex.: When Original Program is selected.

URN   ORIGINAL PROGRAM   No Date   Ch   Time   Title   1 03/12/08   L   12:15   La fleur   2 09/12/08   L   23:05   The last struggle	
1 03/12/08 L 12:15 La fleur	
2 09/12/08 L 23:05 The last struggle	
	T
3 18/12/08 L 08:17 free flyer	- 1
4 20/12/08 L 07:47 BOOM!	- 1
5 25/12/08 L 19:38 Mr. Lawrence	- 1
. 6,28/12/08., L14:20. Satisfy U	. 1
	-



Recording channels 7 Chapters included Playback time For MP3/WMA/WAV/JPEG/MPEG-1/MPEG-2/ASF/DivX files Ex: While playing an MP3 file on a disc.

# Track : (6 / 14 (Total 41))

Current source 8 Repeat Play setting 9 Elapsed playing time of the 2 Current group number/ current file (not applicable total group number for JPEG files) 3 Current group 4 Group list 10 Operation status icon 5 File information (only for 11 Current file number/ MP3/WMA/WAV files) total number of files in

6 Current file

19

7 Random Play/Program

Play setting (for "DVD/

To clear the Setup Menu, press SET UP (while holding

1 2 3 4

5 Title 1 Listed number Recording/creating date 6 Highlight bar

the current group (total

number of files)

selection)

13 File list

12 Highlight bar (current

# Setup Menu

You can change the settings of the System. • The Setup Menu can be used only when "DVD/CD" or

1 When playback is stopped, press SET UP while

**3** Press ENTER/SET.

**LANGUAGE** 

DVD Video. SUBTITLE—To select initial subtitle language for DVD

your TV ("16:9 NORMAL," "16:9 AUTO," "4:3 LB," 4:3 PS," "16:9 MULTI

DVD Video with 96 kHz, Linear PCM

DVD-R/-RW in DVD-VR format with 48 kHz,

MP3/WMA/WAV/MPEG-1/MPEG-2/ASF

DVD Video with Dolby Digital

6/20/24 bit Linear PCM

# "USB1" is selected as the source.

holding SHIFT to display the Set up Menu.

4 Select the options using the cursor buttons, then

Playback disc/file

DVD Video with DTS

SVCD/VCD/CD

DivX with MP2, MP3

DivX with Dolby Digital

CD with DTS

Video or select "OFF." • ON SCREEN LANGUAGE—To select "ENGLISH," "CHINESE" or "SPANISH" as the on-screen language.

## NORMAL," "16:9 MULTI AUTO," "4:3 MULTI LB," or 4:3 PS "4:3 MULTI PS").

DIGITAL AUDIO OUTPUT

DVD Video with 48 kHz, 16/20/24 bit Linear PCM 48 kHz, 16 bit Linear PCM\*

DVD-R/-RW in DVD-VR format with Dolby Digital Dolby Digital bitstream

DIGITAL OUTPUT terminal if the discs are not copy-protected.

2 Select the menu and item using the cursor

press ENTER/SET.

# 16:9 4:3 LB

tracks/files

Canceled

# Menus and items

• MENU LANGUAGE—To select initial menu language for DVD Video. • AUDIO LANGUAGE—To select initial audio language for

• MONITOR TYPE—To select the monitor type to match

# • PICTURE SOURCE—To select "AUTO," "FILM" or

 SCREEN SAVER—To activate or deactivate Screen Saver. • FILE TYPE—To select "AUDIO", "STILL PICTURE" or "VIDEO" as the file type on the disc and "USB1." • HDMI DVI COLOR\*1—To select the picture appearance

#### connection. • HDMI OUT\*1—To select the type of video signal output ("AUTO" or "RGB") from the HDMI MONITOR OUT

• DIGITAL AUDIO OUTPUT—To set correctly according to the connected digital audio equipment ("PCM ONLY", "DOLBY DIGITAL/PCM" or "STREAM/PCM") • DOWN MIX—To select the signal suitable to the device

("STANDARD" or "ENHANCE") for TV with HDMI

connected to the OPTICAL DIGITAL OUTPUT terminals ("DOLBY SURROUND" or "STEREO"). This function is available when "DIGITAL AUDIO OUTPUT" is set to "PCM ONLY." D.RANGE COMPRESSION—To enjoy powerful sound

even at a low volume level while playing Dolby Digital

#### software ("AUTO" or "ON") HDMI AUDIO OUT\*1—To activate or deactivate the audio

**Optical Digital Out Signals** 

STREAM/PCM

48 kHz, 16 bit Linear PCM

48 kHz, 16 bit Linear PCM\*2

Dolby Digital bitstream

\*1 Only for NX-D7/NX-D5

DIGITAL/PCM

DTS bitstream 48 kHz, 16 bit Linear PCM

DTS bitstream 44.1 kHz, 16 bit Linear PCM

32/44.1/48 kHz, 16 bit Linear PCM

32/44.1/48 kHz, 16 bit Linear PCM

Dolby Digital bitstream

\*2 While playing some DVDs, digital signals may be emitted at 20 bits or 24 bits (at their original bit rate) through the OPTICAL

44.1 kHz, 16 bit Linear PCM/48 kHz, 16 bit Linear PCM

signal from the HDMI MONITOR OUT terminal • RESUME—To activate or deactivate Resume.

PCM ONLY

48 kHz, 16 bit Linear PCM

48 kHz, 16 bit Linear PCM

32/44.1/48 kHz, 16 bit Linear PCM

• CEC\*1—To select the usage for HDMI CEC (refer to "Preparations" in "Starting up"). • DivX REGISTRATION—To confirm the Registration

**Output Signals** 

• ON SCREEN GUIDE—To activate or deactivate the on-

NX-D3/NX-DC3 SUPER BASS On the remote ++ SUPER BASS LEVEL SUBWOOFER LEVEL NX-D7/NX-D5 NX-D3/NX-DC3

## **Sound & Picture Adjustments**

Adjusting the Sound Various Bass Effect—To create a sound suitable for the

playback source.		
On the main	unit	On the remote
VARIO BASS		V.BASS
LITEnEASY	Suitable for Karaoke and classical music. You can obtain a comfortable bass sound.	
MOVIE	Suitable for a video source and playback of external component. You can obtain a strong bass sound.	
TECHNO	Suitable for disco or techno music. You can obtain a strong bouncy bass sound.	
TURBO	Suitable for most kinds of music and playback of external component. You can obtain a balanced bass sound.	
AUTO	The System automatically applies TURBO,	

LITEnEASY, MOVIE or TECHNO according

to the playback source (initial setting)

Subwoofer level adjustment (for NX-D7/NX-D5) —From level 1 to level 5 Superbass level adjustment (for NX-D3/NX-DC3)

—From level 1 to level 5

On the main un

No sound effect.

NX-D7/NX-D5 SUBWOOFER

3D PHONIC / 3D Phonic (for DVD/CD and USB1)—To create 3-dimensional sound field

THEATER Enjoy sound effects like in a major theater.

in a relaxed mood.

Canceled.

21

files

SURR ON

effect while listening through headphones. • This only functions while listening to disc/USB device.

• If you plug in the headphones while 3D Phonic is in use, Headphone Surround is turned on automatically. • When 3D Phonic is not in use and Headphone Surround is turned on, unplugging the headphones turns 3D Phonic to

# multi-channel software, and 2-channel software

select one of the preset Sound Modes Boosts low and high frequency. Good for acoustic music (initial setting). Good for music with an emphasis on vocal CLASSIC Good for classical music. Increases resonance and bass. DANCE

1 Select one of the preset Sound Modes.

to adjust.

ENTER/SET. • This does not function for MPEG-1/MPEG-2/ASF/DivX **5** Press **◄** or **▶** to select one of the user modes

• This does not function for MPEG-1/MPEG-2/ASF/DivX

SURR OFF Canceled.

#### Clear Voice (for DVD/CD and USB1)—To make dialogues clear for a center channel signal on

■ Selecting the Sound Modes Sound Mode (for DVD/CD and USB1)—To

HALL Adds depth and brilliance to the sound. STADIUM Adds clarity and spreads the sound, as in an outdoor stadium USER1/2/3 Your individual mode stored in memory. See below. FLAT Canceled.

#### To create your own sound modes (User Mode)

2 Press ENTER/SET. 3 Press or ► to select BASS (bass) or TRE (treble)

(USER1-3) to store your setting into. ACTION Suitable for action movies and sports programs. **6** Press ENTER/SET to finish Creates natural and warm sound. Enjoy movie

**4** Press ▲ or ▼ to adjust the parameters then press

#### Headphone Surround—To enjoy a surround ■ Setting My Sound (for DVD/CD and USB1) My Sound creates an appropriate equalization pattern for

#### To set up My Sound 1 Select "DVD/CD" or "USB1" as the source. HP Surround is activated. **2** Enter My Sound setup to measure your hearing.

your listening condition

• This does not function for DivX files.

MY SOUND SELECT START AND PRESS THE ENTER KEY

2 sec.

#### "MY SOUND" and "MEASURE" appear alternately on the display.

3 Start the measurement.

A test tone comes out of the speakers. MY SOUND DATA 12345 PRESS THE ENTER KEY IMMEDIATELY AFTER YOU HEAR THE TEST TONE ENTER EXIT On the TV 4 Each time you hear the tone, press ENTER/SET to memorize the measurements.

You hear 5 test tones from the speakers.

#### MY SOUND PRESET 1 3 EXIT THE ENTER KEY TO STORE

After finishing the measurement, an appropriate

equalization pattern is created and it is shown in white

On the TV • The last equalization pattern stored into the selected preset number is shown in green.

• To return to the measurement, select "EXIT" on the

START EXIT

On the TV

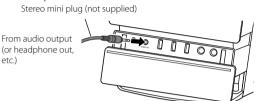
**5** Select a preset number from 1 to 3 to store the equalization pattern using the cursor buttons. **6** Press ENTER/SET to store the equalization

again and repeat steps 3 to 6. To select the preset My Sound, press MY SOUND

# \* With the tape side facing front

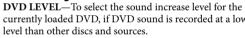
# **Equipment**

You can listen to the digital audio player connected to the



While "AUDIO IN" is selected as the source..

# 22



To select a picture tone While playing, press VFP, then select the preset picture tone NORMAL Normally select this.

2 Select a parameter to adjust using the cursor buttons then press ENTER/SET. dark (-3 to +3).

to +8).

24

TV screen, then press ENTER/SET.

• To store other equalization patterns, press the button

Changing the Picture Tone

To adjust the picture tone

Adjust if the neutral color is bright or Adjust if the entire picture is bright or Adjust if the brightness ratio is Adjust if the picture is whitish or blackish (-7 to +7). Adjust if the human skin color is unnatural (-7 to +7). Adjust if the picture is indistinct (–8

then press ENTER/SET.

using the cursor buttons.

1 Select either USER 1 or USER 2.

CONTRAST SATURATION SHARPNESS

4 Repeat steps 2 and 3 to adjust other parameters.

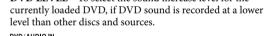
To clear the screen, press VFP again.

To start

<u>To connect a digital audio player</u>



■ Presetting Automatic DVD Sound Increase Level



CINEMA

Suitable for a movie source. You can adjust parameters and can store the settings. (See below.)

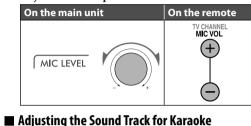
3 Adjust the parameter using the cursor buttons,

DRAMA

- Always set MIC LEVEL to "MIN" (0) before disconnecting the microphone
- · MIC LEVEL adjustment is valid for both microphones connected to the MIC 1 and MIC 2 jacks.
- For NX-D5/NX-D3/NX-DC3: While Mic Mixing is activated, recording and editing are not available. • For NX-D7: Mic Mixing cannot be activated or
- deactivated while recording. ■ Singing Along (Karaoke)

#### • For NX-D7: If you start recording while Mic Mixing is activated, the sound and your singing are recorded in

- 1 Connect the microphone(s) (not supplied) to the MIC 1 and/or MIC 2 jack.
- Mic Mixing will be automatically activated.
- If a microphone is already connected and Mic Mixing is not activated, press MIC MIX to reactivate Mic
- To cancel the Mic Mixing, press MIC MIX.
- **2** Start playing a source.
- **3** Sing into the microphone.
- 4 Adjust the microphone level and volume.



# While Mic Mixing is activated...



VOCAL MASK	Reduces the vocal from stereo (2-channel) source.
L CHANNEL	Reproduces only the left audio channel.
R CHANNEL	Reproduces only the right audio channel.

To return to normal playback, select "OFF."

#### To restore the vocal temporarily

While Vocal Masking, L CHANNEL or R CHANNEL is activated..



The vocal or stereo effect will be restored temporarily. To return to Vocal Masking, L CHANNEL or R **CHANNEL**, press the same button again.

#### ■ Scoring Your Karaoke Skill (for DVD/CD and USB1)

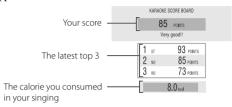
#### ended to select the sound track as follows: For Karaoke DVD Video: Select a sound track with vocal. For Karaoke SVCD/CD: Select "ST," "ST1" or "ST2."

#### • After selecting a sound track, select VOCAL MASK, L CHANNEL or R CHANNEL using the VOCAL MASKING buttor

- 1 Select "DVD/CD" or "USB1" as the source.
- **2** Connect the microphone(s).
- 3 Press KARAOKE SCORING to activate Karaoke Scoring
- To cancel Karaoke Scoring before playback, press the same button again. "KSCORE OFF" appears on the
- 4 Start playback and sing into the microphone. Scoring starts
- The K.SCORING indicator flashes during scoring.
- When you press I or ▶►I, Karaoke Scoring is canceled and the selected track/file restarts.

#### Result of the scoring

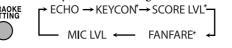
After the song ends, playback stops and the score board appears on the TV screen with fanfare.



- When you press **■**, scoring is canceled. When playback starts again, scoring starts from that point.
- If you do not sing for about 2 minutes after Karaoke
- Scoring starts, Karaoke Scoring is canceled. • To obtain a correct scoring result, it is recommended to sing the song completely. If the singing time is less than 3
- minutes, the scoring result may be "0" or incorrect.

#### ■ Changing the Karaoke Setting

1 Select the item you want to change.



\* Appears only when "DVD/CD" or "USB1" is selected as the source with Mic Mixing activated. 2 Change the parameter or the setting using the

cursor buttons. **ECHO**—To apply an echo to your voice.

• You can adjust the echo level from ECHO OFF (no effect) to ECHO 6 (strongest)

#### KEYCON—To adjust the key only while playing.

- · This function is not available for ASF and DivX files • Key adjustment will be canceled when you deactivate Mic Mixing, or select another track or file, or change the disc.
- You can adjust the key level from +6 to -6.

#### To return to normal key, select "0."

SCORE LVL—To change the calculation level ("PRO" or "AMATEUR") of Karaoke Scoring.

	•
PRO	Calculation level is strict.
AMATEUR	Calculation level is lenient.

FANFARE—To turn on/off the fanfare.

#### MIC LVL—To change the mic volume

(0) to MAX (15).

#### ■ Reserving Karaoke Songs—Karaoke Program Play (for DVD/CD)

You can determine the playback order. You can program up

- 1 Select "DVD/CD" as the source.
- 2 Start and stop playback of the disc.
- **3** Connect the microphone(s). 4 Activate Karaoke Program Play.

to 12 steps.



· The PRGM indicator flashes during this mode Select songs you want for Karaoke Program Play. Press the number buttons to select songs in the following

- ① Select a title/group. ② Select a chapter/track/file.
- To cancel the procedure, press RESERVE. The PRGM indicator disappears.
- 6 Start playback.
- Karaoke Reserve screen disappears and playback starts in the order you have programmed • For the Karaoke Program Play with Karaoke Scoring: Each time the song ends, playback stops and the score

board appears. Press ► to start playback of the next

- The mic volume level can be adjusted in 16 steps from MIN **7** Sing into the microphone.
  - **8** Adjust the microphone level and volume.

## To check the programmed contents

Press RESERVE to display Karaoke Reserve screen. You cannot display Karaoke Reserve screen while Karaoke Scoring is in use.

#### To modify the program

Press RESERVE to display Karaoke Reserve screen. To erase the unwanted step:

1 Select the step you want to erase using the cursor buttons.



② Press CANCEL while holding SHIFT. To erase the entire program, repeat the procedure.

To add steps in the program: Repeat step 5.

26

# **Editing Operations**

#### ■ Editing Titles to Tracks or Groups

- You cannot edit the group "GROUP1" (root).
- 1 Start and stop playback of the USB device.
- 2 Select a group/track you want to edit.



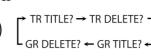
→ 1 TITLE?  $\rightarrow$  G1 TITLE?  $\rightarrow$  FORM GR?  $\rightarrow$  MOVE? Canceled ← FORMAT?← GR ERASE? ← TR ERASE? ←

#### For NX-D5/NX-D3/NX-DC3

TITLE/DEL

4 Start editing.





- See "How to Enter Titles" on the next column for editing titles
- **5** Press ENTER/SET to finish.
- To go back to the previous step, press TITLE/EDIT or TITLE/DEL.
- To quit editing, press CANCEL while holding SHIFT.

#### 1 TITLE? or TR TITLE?—To edit the track title. G 1 TITLE or GR TITLE?—To edit the group title.

- You can give titles to the tracks and groups. - For NX-D7: Up to 64 characters
- For NX-D5/NX-D3/NX-DC3: Up to 24 characters for a track and up to 28 characters for a group

FORM GR? (NX-D7)—To make a new group.
You can make up to 999 groups (NX-D7 only). When you record a 1000th group, "GROUP FULL" appears on the display and no group will be made.

MOVE? (NX-D7)—To move the track into another group. After selecting "MOVE?"...

- ① Press |◀◀/▶▶| to select a track to move, then press
- ② To select a destination group, press GROUP/TITLE
- SKIP while holding SHIFT, then press ENTER/SET. ③ Press |◀◀/▶▶| to select the new track number in the
- destination group for the target track. 4 Press ENTER/SET to start moving.
- TR ERASE? or TR DELETE?—To erase the track. On NX-D7, you can erase up to 15 tracks at a time.

**GR ERASE?** or **GR DELETE?**—To erase the group. FORMAT? (NX-D7)—To erase all tracks and groups. When you erase all tracks, files other than music are also

# Display Message for Recording or Editing Operations

#### NO DEVICE, NO USB

• No USB device is connected or the connected USB device is not compatible with this System.

#### PROHIBIT (for NX-D5/NX-D3/NX-DC3)

• The USB device is prohibited from editing file/group. The same title has been recorded.

TRACK FULL • The USB device exceeds the maximum number of files it

#### can store. SCMS ERROR

• You have tried to copy from a duplicated disc to the USB device

## **DEVICE ERR**

• The unit has failed to read the USB device. CAN'T REC

• The music cannot be recorded.

#### DATA FULL

• The capacity of memory for USB device is full. • The USB device is write-protected (for NX-D7).

#### TR PRTECTED (for NX-D7)

• The track is write-protected by other components.

## PROTECTED (for NX-D5/NX-D3/NX-DC3)

#### · The USB device is write-protected.

NO AUDIO (for NX-D7 only) • No music file is recorded in the USB device connected to the USB2 terminal.

#### CAN'T PLAY

• Playable format file does not exist in USB device.

player (i.e. mobile phone, audio player, personal computer, etc.) from the speakers of the System.



Bluetooth headphones



• Some Bluetooth audio players and headphones may not communicate with the System.

Connect the Bluetooth adapter (separately purchased) to the Bluetooth ADPT terminal on the front panel of the main

· Do not use a USB extension cable to connect a Bluetooth



(not supplied)

### 25

# **Recording Operations**

- Before you Start Recording · It may be unlawful to record or play back copyrighted material without the consent of the copyright owner.
- The recording level is not affected by the volume. • For NX-D5/NX-D3/NX-DC3: You cannot record tracks while Mic Mixing is activated.
- For NX-D7: When Mic Mixing is activated, both the music and your singing is recorded in analog. Sound adjustments for Karaoke are also recorded.
- Key Control is not effective during Karaoke recording. You cannot record tracks while Karaoke Scoring is activated.
- Repeat Mode cannot be used for recording. You cannot record or edit tracks while you are setting My • You can record up to 999 tracks to the USB device. If you
- try to record a track after recording 999 tracks, "TRACK FULL" appears on the display and the track will not be recorded
- You cannot start recording into a USB device while "READING" is shown on the display.
- Do not disconnect a USB device while playing/recording/ editing. It may cause malfunction. • Do not vibrate the System while recording tracks. Take care especially while the REC indicator is flashing or while "WRITING" is shown on the display. It may damage the

#### recorded tracks on the USB device.

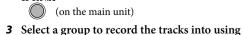
· You cannot record tracks into the root folder

About SCMS (Serial Copy Management System) The System uses the Serial Copy Management System which allows only first-generation digital copies to be made of premastered software such as regular CDs. If you try to record from a duplicated CD-R or CD-RW into the USB device, "SCMS ERROR" appears on the display. In this case, record in analog.



## ■ Recording from a Disc (for NX-D5/NX-D3/NX-DC3)

 You can record only from CD-DA discs 1 Start and stop playback of the disc. 2 Enter recording mode.



#### |◀◀/▶▶| buttons. 4 Press CD USB REC (on the main unit) to start

27

When playback ends, recording also stops. To stop recording manually, press  $\blacksquare$ .

#### ■ Setting up the Recording Modes (for NX-D7) 1 Select the item you want to change

(While holding) → ENCODE? → REC TIME? → REC SPEED?

← MARKING? ← Canceled (Radio or external equipment only) 2 Press ENTER/SET, change the setting using the

cursor buttons, then press ENTER/SET again. DEC SPEED. To select the recording speed (only for Audio

CDs)	Ds)		
NORMAL	Recorded at the same speed as playback. You can listen to the sound.		
HIGH	Recorded at up to 4 times normal speed, depending on the file and quality level		

**ENCODE**—To select the file format (MP3 or WMA)

]	REC TIME—To select the transfer rate			
	HQ REC (High Quality)	192 kbps for MP3 files. 128 kbps for WMA files.		
	SP REC (Standard Play)	128 kbps for MP3 files. 96 kbps for WMA files.		
ĺ	LP REC (Long Play)	64 kbps for MP3 files. 64 kbps for WMA files.		

MARKING—To select how track marks are applied (only for radio and external equipment)

• You can divide a continuous recording into several tracks by adding track marks.

by udding truck marks.	
MANUAL MARK	Track mark is recorded when you press ENTER/SET while recording.
TIME MARK	Track mark is recorded every 5 minutes.
AUTO MARK	Track mark is recorded when 3-second interval is detected. (You can also record track marks by pressing ENTER/SET.)

■ Recording from a Disc (for NX-D7) You can record sound from a disc onto the USB device connected to the USB 2 terminal.

> recording. Sound from discs of other kinds is recorded in analog. • You cannot record sound of DivX, ASF or MPEG files.

• You can also select analog recording for Audio CDs. Connect a recordable USB device to the USB 2 terminal.

• You can record the tracks on Audio CDs in digital

1 Start and stop playback of the disc. 2 Select the first track you want to start recording

(Not applicable to DVD and DVD-VR.)



The System records from the selected track to the last one. 3 Enter recording mode.

4 Press |◀◀/▶▶| buttons to select a group to record



tracks into.

in the hour-digit.

To record in analog (for NX-D7)

# (on the main unit)

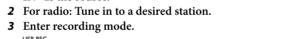
- If you select "FORM GR?", the System creates the new You can also give title to the new group before recording (see the next column) 5 Press USB REC (on the main unit) to start
- recording. Both recording and playback start at the same time. When playback ends, recording also stops.
- · You cannot change the source while recording. • If Program Play is activated, the tracks are recorded in the programmed order. • If the remaining time exceeds 10 hours, "\_" is displayed

After step 2, press USB REC (on the main unit) more than 4 When "ANALOG REC?" is displayed, perform the following procedure from 3.

When digital recording is prohibited, you can record in

# ■ Recording from the Radio/External Equipment

- (for NX-D7) **Preparation:**
- Connect a recordable USB device to the USB 2 terminal. To record from the external equipment, connect external equipment to the System Make recording setting
- 1 Select "TUNER FM," "TUNER AM" or "AUDIO IN" as the source.



(on the main unit) 4 Select a group to record the track into.

**▶**▶I • You can also give title to the new group before

recording. See below. 5 Press USB REC (on the main unit) to start recording. For AUDIO IN: Start playback on the connected

equipment after pressing USB REC. Recording starts automatically when sound signal is detected on the System—Synchronized Recording. You cannot change the source while recording.
When "MARKING" is set to "MANUAL MARK," press

ENTER/SET at the position you want to divide the recorded track. 6 Press ■ to stop recording

Recording starts.

#### To give title to a new group before recording If you select "FORM GR?" to record tracks into, you can give a group title before starting to record.

**2** Edit the group title using the number buttons.

• For entering a title, see "Editing Operations."

**3** Press ENTER/SET to finish the procedure.

After selecting "FORM GR?", press ENTER/SET.

- What is pairing To use a Bluetooth audio player for the first time, you need to register the Bluetooth audio player on the System—pairing. · Once you have registered a device, no pairing operation for
- the same device is required. You can register up to five devices for Bluetooth audio to select "RECEIVE?" then press ENTER/SET. player, and up to other five devices for Bluetooth neadphones. If you register the sixth device, registration of

 Only one device can be connected at a time. Only "SYS INFO?" and "CANCEL?" can be selected when a Bluetooth device is connected to the System.



RECEIVE? → CANCEL? → SELECT DV? → DELETE DV? CHNG NAME?

# PAIRING? ← Canceled ← SYS INFO? ← SOUND QLTY?

the first device is replaced.

- 1 Select "Bluetooth" as the source. 2 Press Bluetooth SETTING repeatedly to select "PAIRING?" then press ENTER/SET.
- audio player. • You see the name of the System ("NX-D7") on the Bluetooth audio player. If asked to input a PIN code, enter "0000."

**3** Operate the pairing procedure on the Bluetooth

• For details on how to enter the PIN code, refer to the audio player manual "SUCCESS" appears on the display of the System and the pairing is completed.

connected to the System after pairing. If not, establish

Some Bluetooth audio players are automatically

## connection manually (see the next column).

controlled by the System.)

- To listen to Bluetooth audio player 1 Select "Bluetooth" as the source.
- 2 Press Bluetooth SETTING repeatedly to select "RECEIVE?" then press ENTER/SET. When connection is established successfully, the

Bluetooth indicator lights up on the display.

**3** Start playback on the Bluetooth audio player.

· If the Bluetooth audio player supports AVRCP profile,

you can operate it by the System (ex. skip, stop and

pause). (Some Bluetooth audio players may not be

You hear music from the speakers of the System

## To turn off the sound from the Bluetooth audio player

■ How to Enter Titles

**Available characters** 

ABC 2

3

GHI 4

JKL 5

6

PQRS

8

9

0

To erase a character

To enter a space

characters" above.)

MNO

**PQRS** 

WXYZ

Select the character type.

character

2 Enter a character using the number buttons, then

Lowercase

character

Numerical

character

press ENTER/SET to confirm the entry.

(Space),!,#,\$,%,&,',(,)

ghi

mno

pgrs

wxyz

When the character entry position is on the character you

• You can also enter a space at the end of a title using the

want to erase, press CANCEL while holding SHIFT.

Select the space by pressing MARK. (See "Available

Some symbols may not

appear on the display.

Press Bluetooth SETTING repeatedly to select "CANCEL?," then press ENTER/SET. To resume the sound, press Bluetooth SETTING repeatedly

To change the device to connect If you have registered several Bluetooth audio players, select which device is to be connected to the System. 1 Press Bluetooth SETTING repeatedly to select

"SELECT DV?" then press ENTER/SET.

#### on the display. **2** Select the device to connect using the cursor buttons, then press ENTER/SET.

If Bluetooth connection cannot be established Try the following if "CAN'T CNNCT" appears on the display: Set the Bluetooth audio player ready to make connections (refer to the device's manual for details), press Bluetooth

The name of the current Bluetooth audio player appears

# SETTING repeatedly to select "RECEIVE?" then press ■ Listening to Music Using Bluetooth Headphones

1 Turn on the Bluetooth headphones and set it ready to be found by the System. See the headphones' manual for details

2 Select a source other than "Bluetooth."

**3** Activate Bluetooth transmitter.

2 sec.

The Bluetooth indicator starts flashing on the display.

Press Bluetooth SETTING repeatedly to select

"SEARCH DV?" then press ENTER/SET.

# SEND? → CANCEL? → SELECT DV? → DELETE DV?

CHNG NAME?

The name of the first found device is displayed. 5 Select the headphones you want to register using the cursor buttons, then press ENTER/SET.

SEARCH DV? ← Canceled ← SYS INFO? ← SOUND QLTY?

The System starts searching for Bluetooth headphones.

**6** Enter the PIN code of the headphones on the System using the number buttons • PIN code is a four-digit number (ex. 8888) to identify

the headphones. Refer to the headphones' manual for **7** Press ENTER/SET to confirm your entry. "SUCCESS" appears on the display of the System and the

#### • Sound from the speakers is muted, and you hear sound from the headphones.

To listen to music through Bluetooth headphone

• Set the volume of the headphones to the minimum.

#### 1 Select a source other than "Bluetooth." 2 Prepare the headphones ready to receive the

sound from the System.

**3** Activate Bluetooth transmitter.

pairing is completed.

#### 2 sec. Bluetooth **►/II**

The System starts searching for the headphones.

#### connect the headphones automatically if the pairing is successful.

then press ENTER/SET.

headphones.

4 Start playback on the System. **5** Adjust the volume on the Bluetooth headphones. • If the Bluetooth headphones support AVRCP profile, you can operate the System (ex. play, pause, stop and

skip) by using the keys of the Bluetooth headphones.

• Sound Mode does not affect the sound through the

## To turn off the sound from the headphones temporarily Press Bluetooth SETTING repeatedly to select "CANCEL?"

To resume the sound, press Bluetooth SETTING repeatedly

#### To turn off the sound from the headphones Press Bluetooth more than 2 seconds to deactivate Bluetooth

to select "SEND?," then press ENTER/SET.

To change the headphones to use If you have registered several Bluetooth devices, select which device is to be connected to the System. • Turn down the volume to the minimum on the

transmitter. Now sound comes out of the speakers.

#### "SELECT DV?" then press ENTER/SET. 2 Select the headphones you want to use using the

1 Press Bluetooth SETTING repeatedly to select

# cursor buttons, then press ENTER/SET.

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Using the Bluetooth® Device

of their respective owners.

## under license. Other trademarks and trade names are those • The System supports only Bluetooth audio player using

• When you are using the mobile phone as the Bluetooth

audio player, you cannot listen to the talking voice from

## What you can do with Bluetooth

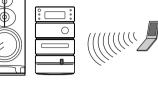
AVRCP or A2DP profile.

the speaker of the System.

(for NX-D7)

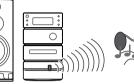
#### To listen to a Bluetooth audio player

You can listen to the music played back on a Bluetooth audio

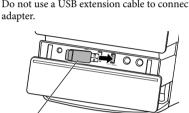


#### To listen to music through Bluetooth headphones

You can listen to the music played back on the System using



**Preparation** 

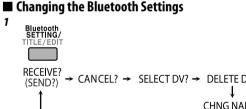


Bluetooth adapte

# If Bluetooth connection cannot be established

 Set the Bluetooth headphones ready to make connections (refer to the device's manual for details), press Bluetooth SETTING repeatedly to select "SEND?" then press

## ENTER/SET.



# PAIRING! ← Canceled ← SYS INFO? ← SOUND QLTY?

CHNG NAME?—To change the name of a registered device Before selecting "CHNG NAME?" press Bluetooth (for Bluetooth audio player) or hold Bluetooth more than 2 seconds (for Bluetooth headphones).

Select the device to change the name using the cursor

confirm the entry. **DELETE DV?**—To delete the registration of a device. Select the device to delete its registration using the cursor

2 Enter a new name using the number buttons (see

"How to Enter Titles"), then press ENTER/SET to

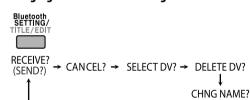
Select this for a better sound quality.

Select this if the Bluetooth connection is

unstable. **SYS INFO?**—To check the information about the System To clear the information display, press ENTER/SET.

28 31

# Try the following if "CAN'T CNNCT" appears on the



#### 2 Change the settings using the cursor buttons, then press ENTER/SET. • For some Bluetooth headphones, the System will try to

buttons, then press ENTER/SET.

**SOUND QLTY?**—To change the sound quality

buttons, then press ENTER/SET.

NORMAL

32